

Work Order ID 65191

Friday, January 07, 2011 10:40:25 AM



Page 1

Item ID: D3508-13

Accept



Setup Start



Revision ID:

Item Name: Wearplate

Stop



Start Date: 1/7/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 1/14/2011 Req'd Qty: 6.00



Customer:

Reference:

Approvals:

Process Plan:

PD

Date:

1-14-7

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3508	Rev C

100

0.00



FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3508 ☐ Dwg Rev: C ☐ Prog Rev: L ☐ 2-
Debur if necessary

304 .046

1B11-1-10

(6)

110

0.00



QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

1B11-1-10

120

0.00



QC8- Inspect parts - second check

QC

Memo

0.00

Quality Control

Sublot

(x6)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Friday, January 07, 2011 10:40:25 AM



Accept

**Setup Start**

Stop

(b) (7)(C), (b) (7)(D)

Cust Item ID:

Customer:

Reference:

Run Start

Stop

**Insp.
Stamp**

0.00

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

NC BRAKE

0.00

Brake NC

Memo

1 as per Dwg D3508

Brake NC

0.00

REMARKS:

QC5- Inspect part completeness to step on W/O

0.00

QC

Memo

Quality Control

0.00

00000000000000000000

Large Fab

0.00

Large Fab

Memo

Large Fab

Weld hardcoat as per dwg D3508 QSI004 Hardcoat 2059b Batch: *m 116 468*

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Page 3

Item ID: D3508-13

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Setup Start



Revision ID:

Item Name: Wearplate

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Start Date: 1/7/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 1/14/2011 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 QC Quality Control	QC10- Inspect visual per QSI004- ground welds Memo	0.00 0.00		Sub 13					
170 QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00		Sub 13		(+6)			
180 Powdercoat Powder Coating	Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3 M112588 Memo START TIME: 8:10 FINISH TIME: 8:40	0.00 0.00				6	BR	11-01-14.	

W/O:		WORK ORDER CHANGES					
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID 65191

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Page 4

Item ID: D3508-13

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Setup Start



Revision ID:

Stop



Item Name: Wearplate

Start Date: 1/7/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 1/14/2011 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

190

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

6 1 M 11/01/11

200

Identify as per dwg & Stock Location

FP16

0.00



Packaging

Memo

0.00

Packaging

MF 11-01-17

210

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/01/17 [Signature]MF
11-01-17

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Friday, January 07, 2011 10:40:30 AM

Page 1

Work Order ID: 65191

Parent Item: D3508-13

Parent Item Name: Wearplate



Start Date: 1/7/2011

Required Date: 1/14/2011

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A New Issue 07.06.12 EC
IPP Rev:B Rev C dwg 07-12-06 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M304S20GA

Purchased

No

100

sf

181.0714

0.172

1.086316



304/316 .040 Sheet



B11-1-10

Location

Loc Qty

Loc Code

MAT

178.3

115762

10.2

115953

11.1

116437

157

MAT20

2.7714

113062

1.398

115440

1.3734

116437

(6)

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NOTE: Date & initial all entries

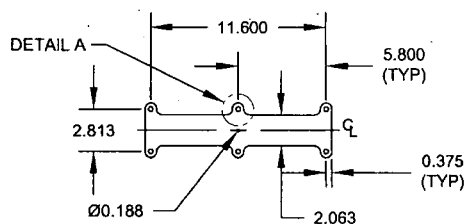
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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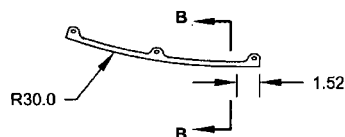
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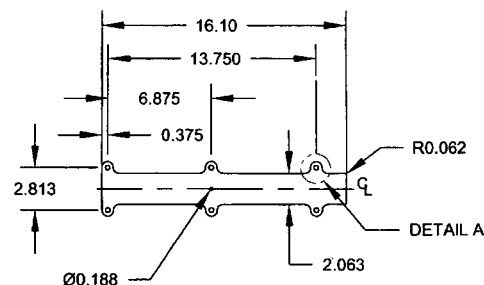
NOTE: Date & initial all entries



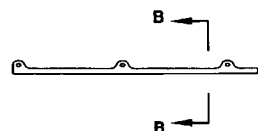
D3508-1 FLAT PATTERN



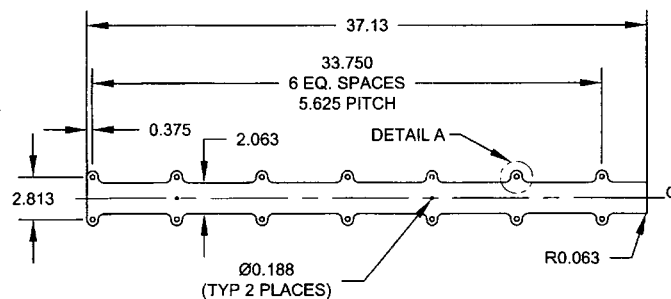
D3508-1 BENDING DETAIL
(MAKE FROM D3508-1F)



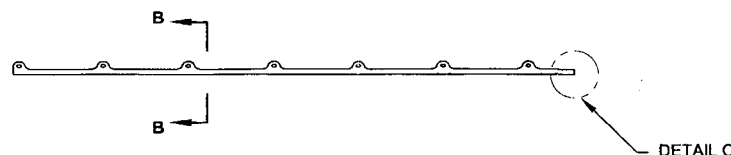
D3508-7F FLAT PATTERN



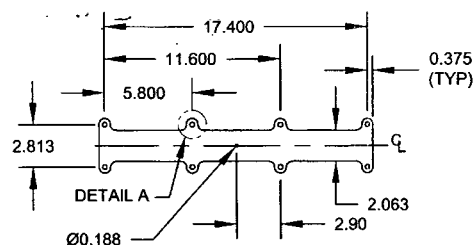
D3508-7F BENDING DETAIL
(MAKE FROM D3508-7F)



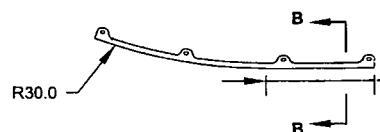
D3508-3 FLAT PATTERN



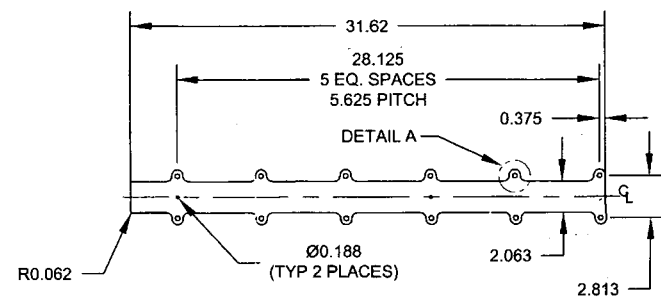
D3508-3 BENDING DETAIL
(MAKE FROM D3508-3F)



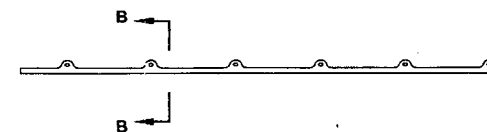
D3508-9F FLAT PATTERN



D3508-9F BENDING DETAIL
(MAKE FROM D3508-9F)



D3508-5 FLAT PATTERN



D3508-5 BENDING DETAIL
(MAKE FROM D3508-5F)

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK)
(REF. DART MATERIAL SPEC M304S20GA)
- 2) FINISH: POWDER COAT GREY SANTEX (4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.015
- 7) IDENTIFICATION: NONE
- 8) WEIGHT: D3508-1 - 0.47 lbs, D3508-3 - 0.95 lbs, D3508-5 - 0.77 lbs,
D3508-7 - 0.39 lbs, D3508-9 - 0.45 lbs, D3508-11 - 0.64 lbs
D3508-13 - 0.25 lbs

RELEASED
07-11-16

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 65791

C	ADD - 9/11/13 MOVE TAB OUTBOARD (2.813 WAS 2.733) CHANGE DRAWING FORMAT	PH	07.04.20
B	CHANGE STAINLESS STEEL, WIDEN	PH	06.10.27
A	NEW ISSUE	PH	06.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN	24	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	24		
CHECKED	10	DRAWING NO.	REV. C
MFG. APPR.	10	D3508	SHEET 1 OF 2
APPROVED	10	TITLE	SCALE
DE APPR.	10	WEARPLATE	1:8
DATE	07.04.20	COPYRIGHT © 2007 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

07-11-01-7

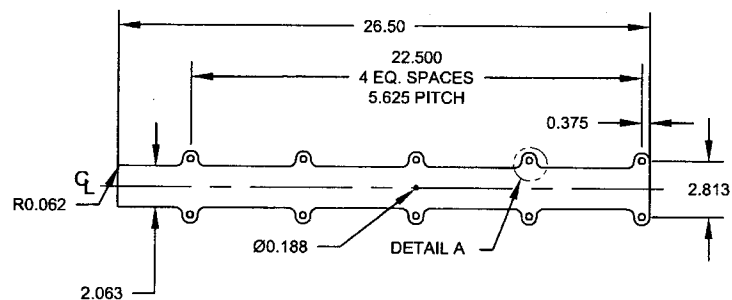
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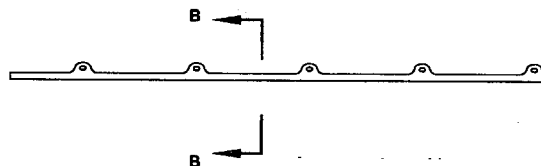
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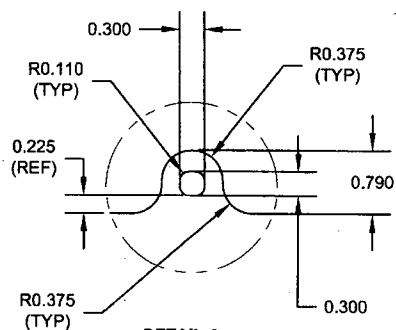
NOTE: Date & initial all entries



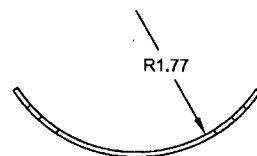
D3508-11F FLAT PATTERN



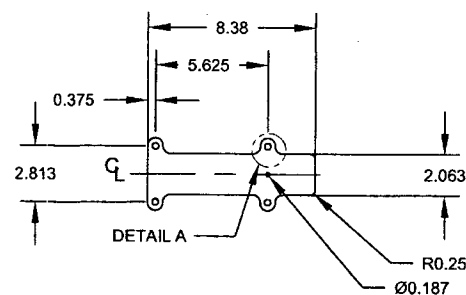
D3508-11 BENDING DETAIL
(MAKE FROM D3508-11F)



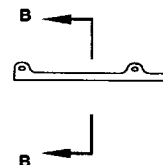
DETAIL A
(SCALE 2:3)



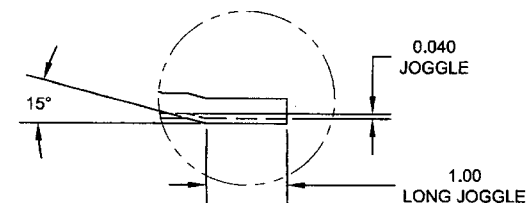
SECTION B-B
(SCALE 2:3)



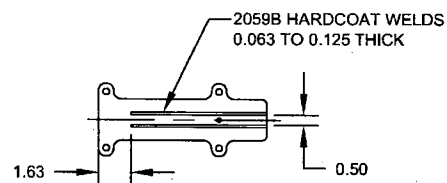
D3508-13F FLAT PATTERN



D3508-13 BENDING DETAIL
(MAKE FROM D3508-13F)



DETAIL C
(SCALE 1:2)



D3508-13 WELDING DETAIL

w/065191

RELEASED
07-11-15

DESIGN	PH	DART AEROSPACE USA, INC	
DRAWN	PH	PORT HADLOCK, WA	
CHECKED	PH	DRAWING NO.	REV. C
MFG. APPR.	PH	D3508	SHEET 2 OF 2
APPROVED	PH	TITLE	SCALE
DE APPR.	PH	WEARPLATE	1:6
DATE	07.04.20	<small>COPYRIGHT © 2007 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

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